

Utility Patent
Ser. No. 09/785,382

PLEASE INCLUDE THE FOLLOWING CLEAN VERSION OF THE SPECIFICATION,
PAGE 4 PURSUANT TO 37 CFR 1.121(B)(2)(ii)

The use of the present invention allows one to easily care for almost any hair style, especially those which require straightening or removal of curls, in a manner which allows one to use only one hand in a simple and effortless manner.

BRIEF DESCRIPTION OF THE DRAWINGS

The advantages and features of the present invention will become better understood with reference to the following more detailed description and claims taken in conjunction with the accompanying drawings, in which like elements are identified with like symbols, and in which:

FIG. 1 is a partial exploded perspective view of a blow dryer with attachment according to the preferred embodiment of the present invention;

FIG. 2 is a side elevational view thereof;

FIG. 3 is a cross sectional view taken along line III-III of FIG. 2;

FIG. 4 is a perspective view of wall mounting wall bracket for use with the blow dryer and attachment of the present invention; and

FIG. 5a-5d are front elevational views of alternate brush attachments for use within the present invention.

DESCRIPTION OF THE PREFERRED EMBODIMENTS

The best mode for carrying out the invention is presented in terms of its

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attachment base 34 is formed in a semi-cylindrical manner and supporting a plurality of attached bristles 36 extending outward therefrom in an aligned pattern. A plurality of air dispersion orifices 38 are formed penetrating the wall of the brush attachment base 34 and allow fluid communication of flowing air through the brush attachment means 32. It is envisioned that various aligned patterns of bristle attachment can be used. Similarly, it is also envisioned that the air dispersion orifices 38 are spaced and patterned between attached bristles, such as to allow airflow outward between adjacent bristles. Finally, the brush attachment means 32 is shown herein as a series of tethers, affixed at each end to the brush attachment base 34 and designed to circumscribe the head 14 in a manner that forms a firm mechanical connection of the base 34 to the outer peripheral rim 20. It is envisioned in this manner, the overall outer circumference of the base 34 would be flat and shaped generally similar to the shape of the air outlet port 18. In this manner, the base 34 can form a continuous connection about the rim 20 to prevent blowby of forced air from the outlet port 18 and thereby forcing the air to be communicated through the air dispersion orifices 38. Although a circumscribing tether is shown as an example embodiment of the attachment means 32, it is anticipated and understood that one skilled in the art, in conjunction with the enclosed teachings, could form an alternate attachment means consistent with the features and functionalities of the present invention. By way of example, and not by limitation, such alternate attachment means can include mechanically impinged fasteners interlocking between the base 34 and the peripheral rim 20.

Finally, referring to FIG. 4, a wall mounting wall bracket 40 is shown for use with the

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blow dryer and attachment of the present invention. The bracket 40 forms a retainer housing 42 with a front face surface 44 that forms a concave dryer receiving cavity 46 and a brush receiving cavity 48. The concave dryer receiving cavity 46 is shaped and formed such as to house and receive the hand held hair blow dryer apparatus 10. Held in by either a frictional form fit or an impinging retention tab, a cord passage conduit 50 penetrating the housing into the concave dryer receiving cavity 46 allows the power cord 24 to hang free of the housing 42. Similarly, a brush attachment receiving cavity 48 is formed in a concave fashion within the front face 44 and is shaped and formed such as to house and receive the brush attachment 30 by either a frictional form fit or an overextending impinging retention tab. Finally, it is anticipated that a pair of blade contacts 60 extend outward from the rear of the bracket 40, and are provided for insertion into a conventional electrical power outlet. In this manner, at least one expansion electrical outlet 62, supported by the side or front of the housing 42 can allow easy and convenient attachment of the power cord 24. As such, it is envisioned that the blade contacts 60 are in electrical communication are shown. Each is intended as being interchangeably attached within the scope of the above disclosure. Although other attachments are envisioned, FIG. 5a shows a large round brush having an overall diameter of approximately 1.75 inches. FIG. 5b shows a medium round brush having an overall diameter of approximately 1.25 inches. FIG. 5c shows a small round brush having an overall diameter of approximately 0.75 inches. And, FIG. 5d shows a flattened brush having an flattened, curved outer surface. (In all cases, it is anticipated that each brush attachment is formed of wood, thereby providing sufficient structural strength, while not melting or breaking (as with plastic) or burning or singing the hair (as with metal).)

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2. Operation of the Preferred Embodiment

A3 To use the present invention, the hand held hair blow dryer apparatus 10 is used as one would an otherwise conventional hair blow dryer. By attaching the brush attachment 30 over the nozzle 16, the user can combine the styling elements of directed, headed forced air with a brushing or combing means. Use of such a system is envisioned as allowing for convenient hair straitening for curly or wavy hair. Upon completion of use, both the hand held hair blow dryer apparatus 10 and brush attachment 30 are stored within their respective cavities 46, 48 within the retainer housing 42 of the wall mounting bracket 40.

The foregoing descriptions of specific embodiments of the present